

Fig. 1

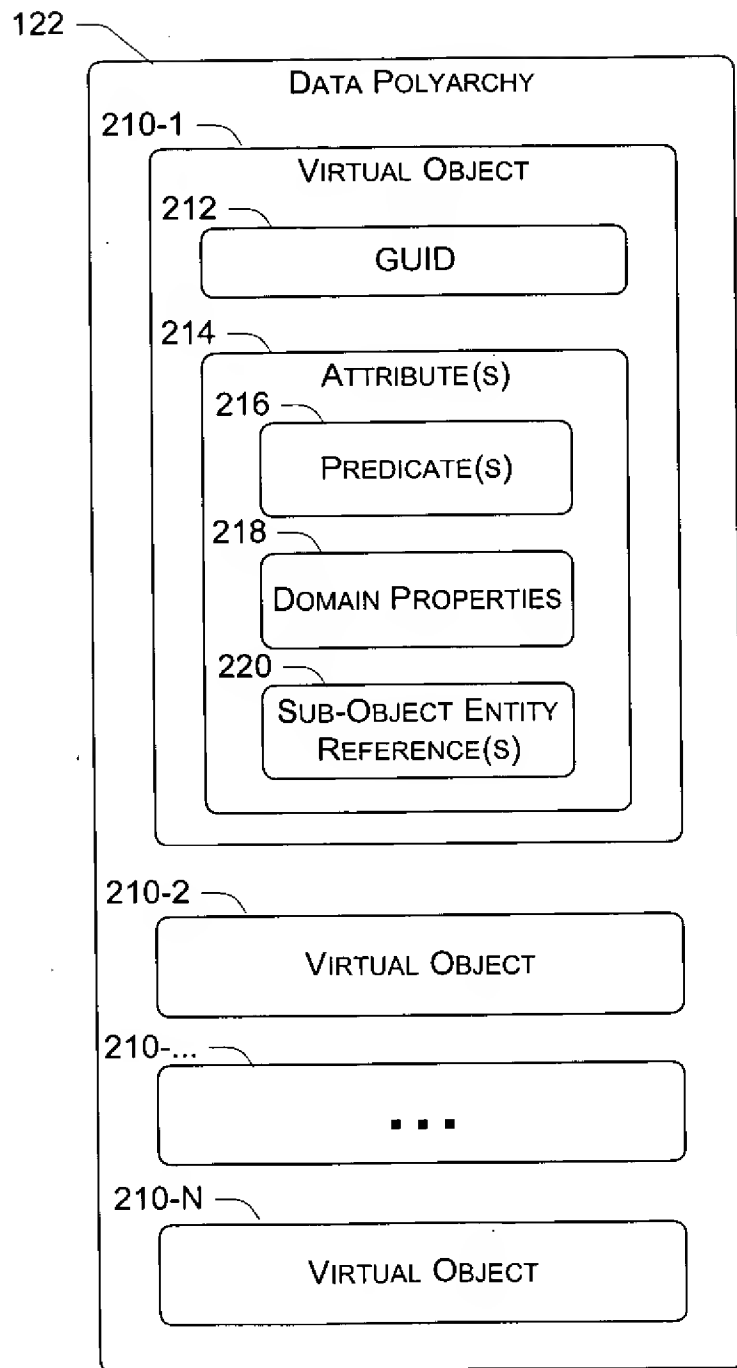


Fig. 2

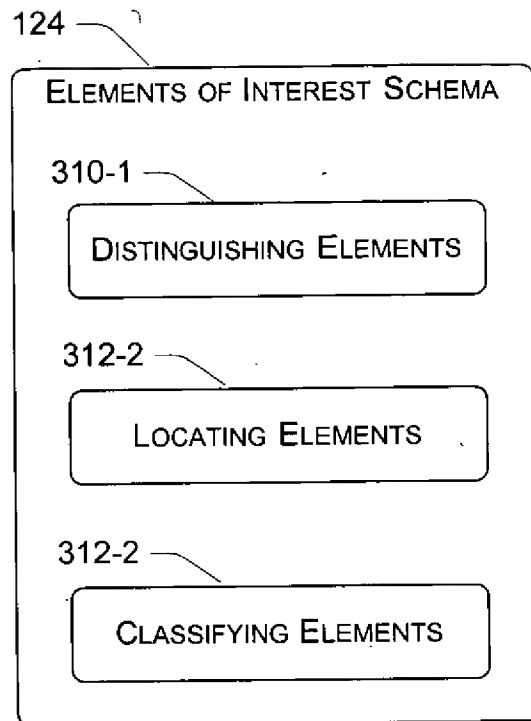


Fig. 3

400

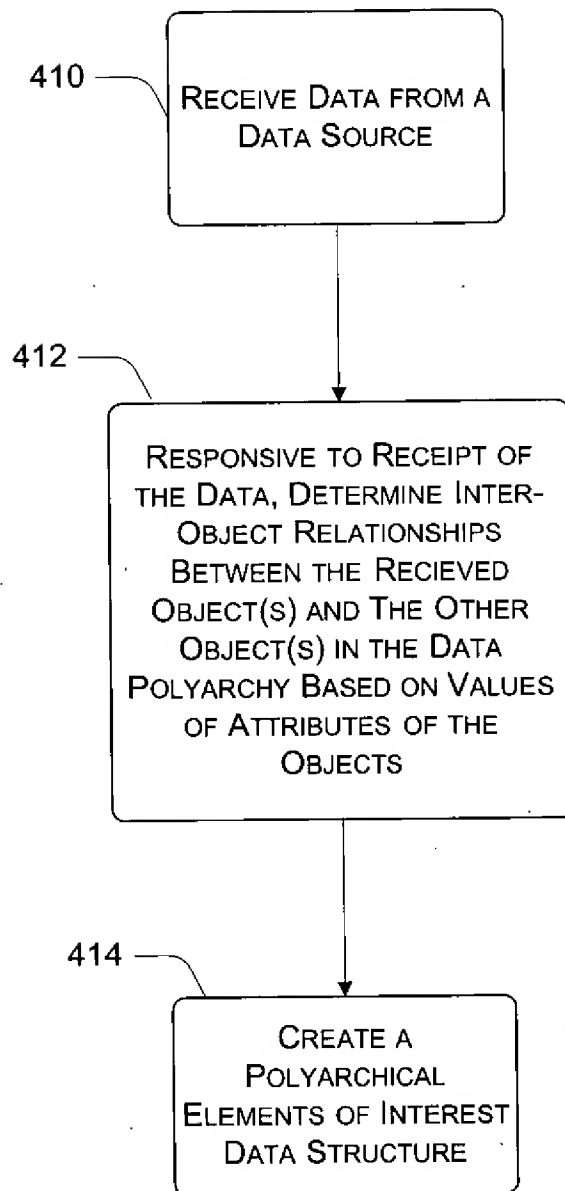


Fig. 4

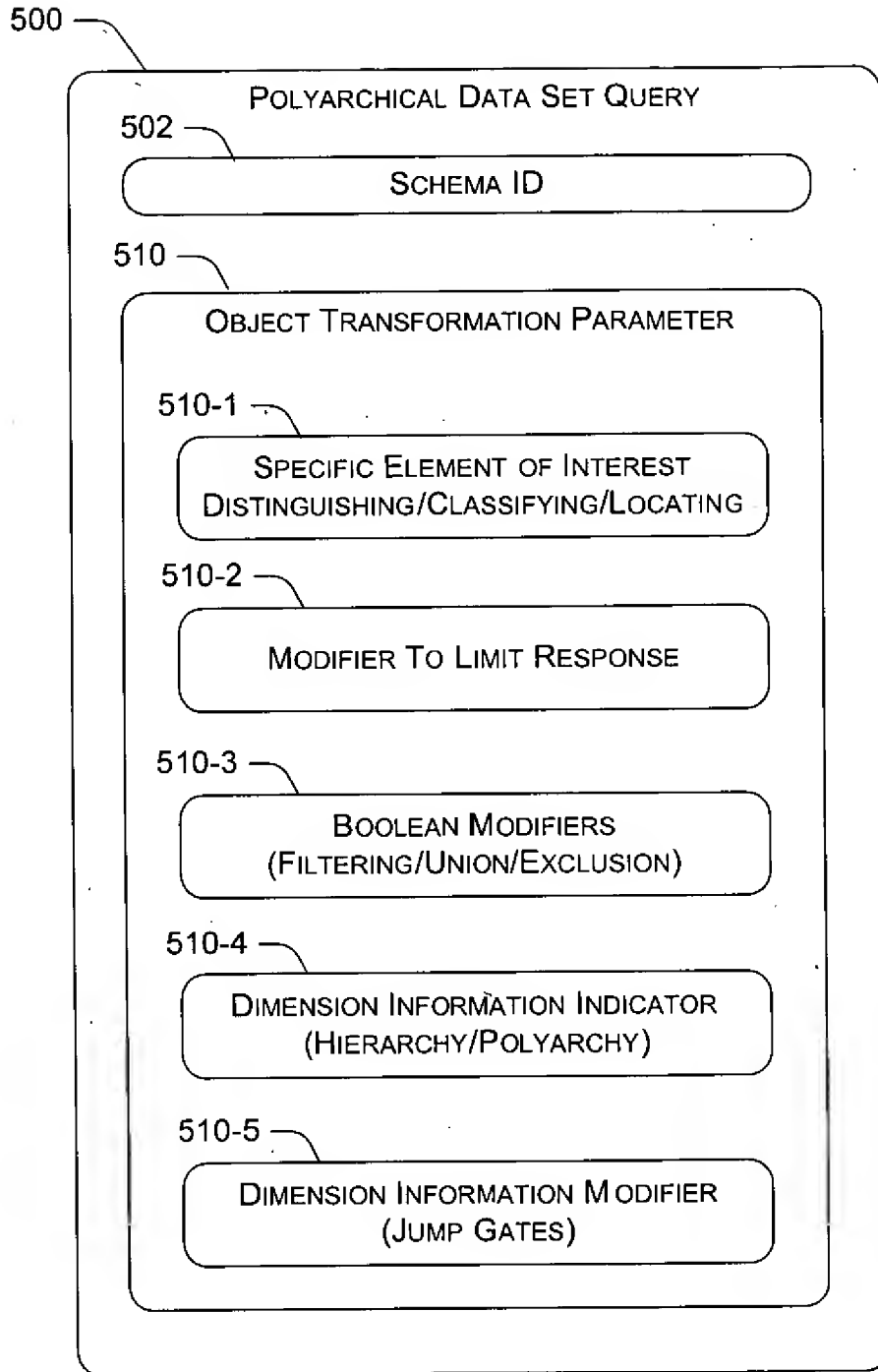


Fig. 5

620

600

610

612

614

<EQUAL ELEMENT='SN' VALUE = 'DOE'>

510-1

<?XML VERSION="1.0">  
-<ENVELOPE>  
-<BODY>  
-<M:QUERY XMLNS:M="URN:UIDB34543434->  
-<EQUAL ELEMENT='SN' VALUE = 'DOE'>  
-</M:QUERY>  
-</BODY>  
-</ENVELOPE>

618

<<? XML VERSION = "1.0"?>  
<ENVELOPE>  
<BODY>  
<QUERY RESULT>  
<PERSON LOCAL ID = "414443">  
<GLUE ID>34563463-DFG-645634-SDFDF </GLUE  
ID>  
<CN> JOHN DOE </CN>  
<ROOM NUMBER>3346</ROOM NUMBER>  
<UID>JDOE</UID>  
<SN>DOE</SN>  
<GIVEN NAME> JOHN</GIVEN NAME>  
<BUILDING NAME> RED BUILDING</BUILDING NAME>  
<TITLE> SOFTWARE SUPPORT ANALYST</TITLE>  
<LOCATIONUPNODE>L 234 RED BUILDING</  
LOCATIONUPNODE>  
<UNIQUE IDENTIFIER>455675478</UNIQUE  
IDENTIFIER>  
<MANAGER>5657457 </MANAGER>  
<COST CENTER UP NODE>CCR 456</COST CENTER  
UP NODE>  
</PERSON>  
  
<PERSON LOCAL ID = "41KJH3">  
<GLUE ID>898798-GFGHFJG87-HGJH</GLUE ID>  
<CN> JIM DOE </CN>  
<TELEPHONE NUMBER>888-888-9999</TELEPHONE

Fig. 6

600

610

612

510-1

614

<EQUAL ELEMENT='SN' VALUE = 'DOE'>  
 <ELEMENTS OF INTEREST>  
 <ELEMENT> CN </ELEMENT>  
 <ELEMENT> UNIQUE IDENTIFIER </ELEMENT>  
 </ELEMENTS OF INTEREST>

510-2

<<? XML VERSION = "1.0"?>  
 <ENVELOPE>

<BODY>

<QUERY>

<PERSON LOCAL ID = "414443">

<CN> JOHN DOE </CN>

<UNIQUE IDENTIFIER>455675478</UNIQUE  
 IDENTIFIER>

</PERSON>

<PERSON LOCAL ID = "41KJH3">

<CN> JIM DOE </CN>

<UNIQUE IDENTIFIER>777</UNIQUE IDENTIFIER>  
 </PERSON>

<PERSON LOCAL ID = "444">

<CN> ALLAN DOE </CN>

<UNIQUE IDENTIFIER>5555</UNIQUE IDENTIFIER>  
 </PERSON>

<PERSON LOCAL ID = "66666">

<CN> KARL DOE </CN>

<UNIQUE IDENTIFIER>9999887</UNIQUE IDENTIFIER>  
 </PERSON>

<PERSON LOCAL ID = "333222">

<CN> BOB DOE </CN>

<UNIQUE IDENTIFIER>666555443</UNIQUE  
 IDENTIFIER>  
 </PERSON>

(SOAP ENVELOPE--NOT SHOWN)

618

Fig. 7

600

510-1

610

614

<AND>

<EQUAL ELEMENT='SN' VALUE = 'SMITH' />

<EQUAL ELEMENT='TITLE' VALUE = 'VICE

PRESIDENT' />

</AND>

510-1

510-3

<<? XML VERSION = "1.0"?>

<ENVELOPE>

<BODY>

<QUERY>

<PERSON LOCAL ID = "876987">

<GLUE ID>KJH89-999876555-JJHG-8432 </GLUE ID>

<CN> JOHN SMITH </CN>

<TELEPHONE NUMBER>1(888)888-8888

<ROOM NUMBER>1</ROOM NUMBER>

<UID>JSMITH</UID>

<SN>SMITH</SN>

<GIVEN NAME> JOHN</GIVEN NAME>

<BUILDING NAME> BIG BUILDING</BUILDING NAME>

<TITLE>VICE PRESIDENT</TITLE>

<LOCATIONUPNODE>L 234 BIG BUILDING

</LOCATIONUPNODE>

<UNIQUE IDENTIFIER>123456789</UNIQUE

IDENTIFIER>

<MANAGER>987658</MANAGER>

<COST CENTER UP NODE>CCR 987</COST CENTER

UP NODE>

</PERSON>

</QUERY>

</BODY>

</ENVELOPE>

(SOAP ENVELOPE--NOT SHOWN)

618

620

612

Fig. 8



FIG. 9

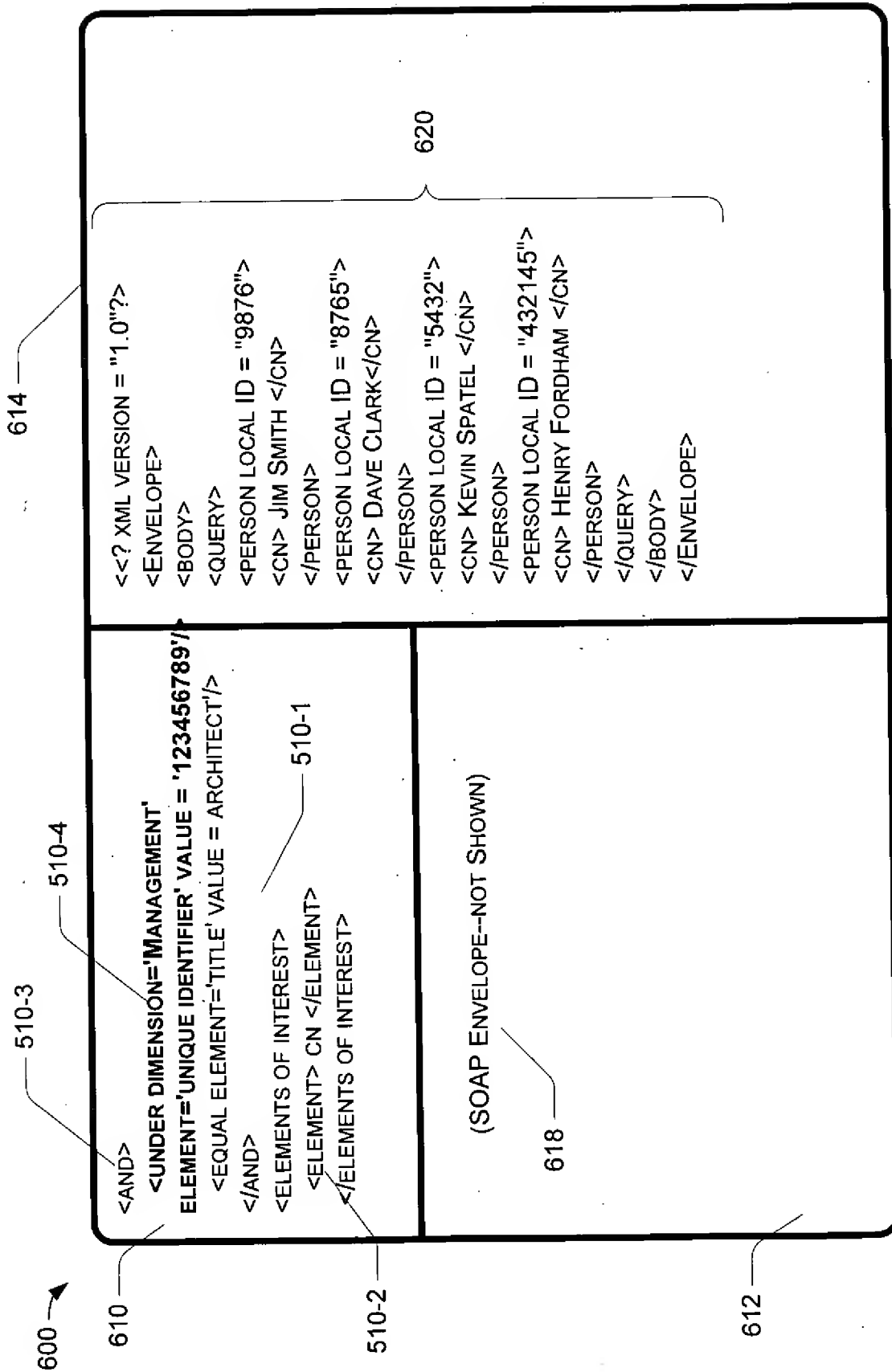


Fig. 9

The diagram illustrates the structure of a SOAP Envelope. It is divided into two main sections: the Envelope body and the SOAP Body.

**Envelope Body (Left Section):**

- Annotation 600:** Points to the opening tag `<AND>`.
- Annotation 610:** Points to the attribute `VALUE = '123456789' />` within the `<EQUAL ELEMENT>` tag.
- Annotation 510-3:** Points to the `<AND>` tag.
- Annotation 510-1:** Points to the `<EQUAL ELEMENT>` tag.
- Annotation 510-2:** Points to the `<ELEMENT> CN </ELEMENT>` tag.
- Annotation 510-5:** Points to the `<ELEMENTS OF INTEREST>` tag.
- Annotation 510-4:** Points to the `<DIMENSION INFO DIMENSION = 'MANAGEMENT' UP='0' DOWN='2' />` tag.

**SOAP Body (Right Section):**

- Annotation 612:** Points to the opening tag `<SOAP ENVELOPE--NOT SHOWN>`.
- Annotation 618:** Points to the `<SOAP ENVELOPE--NOT SHOWN>` tag.

**Annotations 614 through 618 (Right Side):**

- Annotation 614:** Points to the `<? XML VERSION = "1.0"?>` tag.
- Annotation 615:** Points to the `<ENVELOPE>` tag.
- Annotation 616:** Points to the `<BODY>` tag.
- Annotation 617:** Points to the `<QUERY>` tag.
- Annotation 618:** Points to the `<PERSON LOCAL ID = "5433009" RESULT = "DIRECT"/>` tag.
- Annotation 619:** Points to the `<CN> JOHN SMITH </CN>` tag.
- Annotation 620:** Points to the `<PERSON LOCAL ID = "554433"/>` tag.
- Annotation 621:** Points to the `<CN> KATHERINE BASSET </CN>` tag.
- Annotation 622:** Points to the `</PERSON>` tag.
- Annotation 623:** Points to the `<PERSON LOCAL ID = "8809843">` tag.
- Annotation 624:** Points to the `<CN> NADINE MARKUS </CN>` tag.
- Annotation 625:** Points to the `</PERSON>` tag.
- Annotation 626:** Points to the `<PERSON LOCAL ID = "656432879">` tag.
- Annotation 627:** Points to the `<CN> TONY JUNIORS </CN>` tag.
- Annotation 628:** Points to the `</PERSON>` tag.
- Annotation 629:** Points to the `<PERSON LOCAL ID = "32187591">` tag.
- Annotation 630:** Points to the `<CN> DAVID SMYTHE </CN>` tag.
- Annotation 631:** Points to the `</PERSON>` tag.
- Annotation 632:** Points to the `</QUERY>` tag.
- Annotation 633:** Points to the `</BODY>` tag.
- Annotation 634:** Points to the `</ENVELOPE>` tag.

01.56E

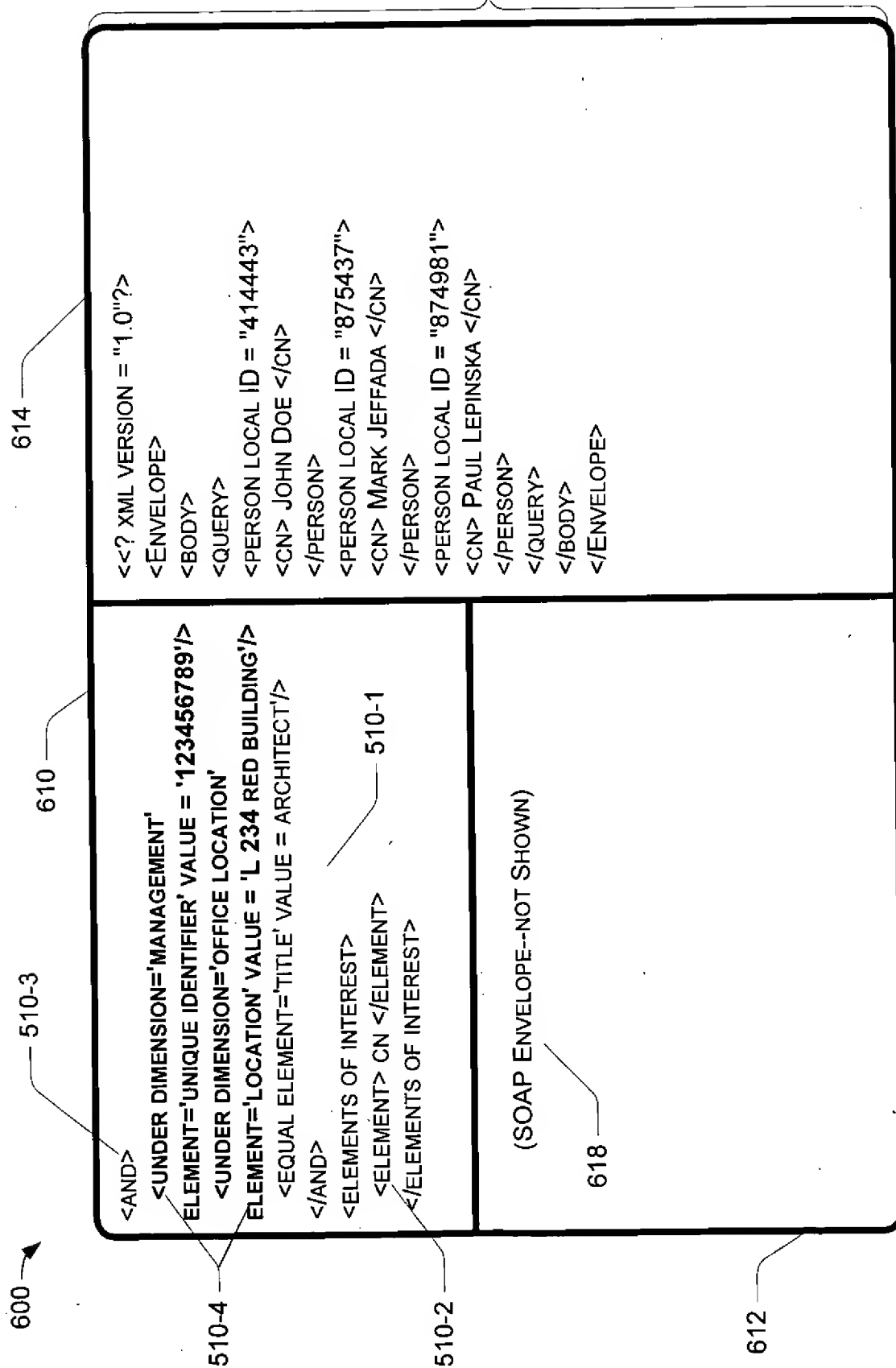


Fig. 11

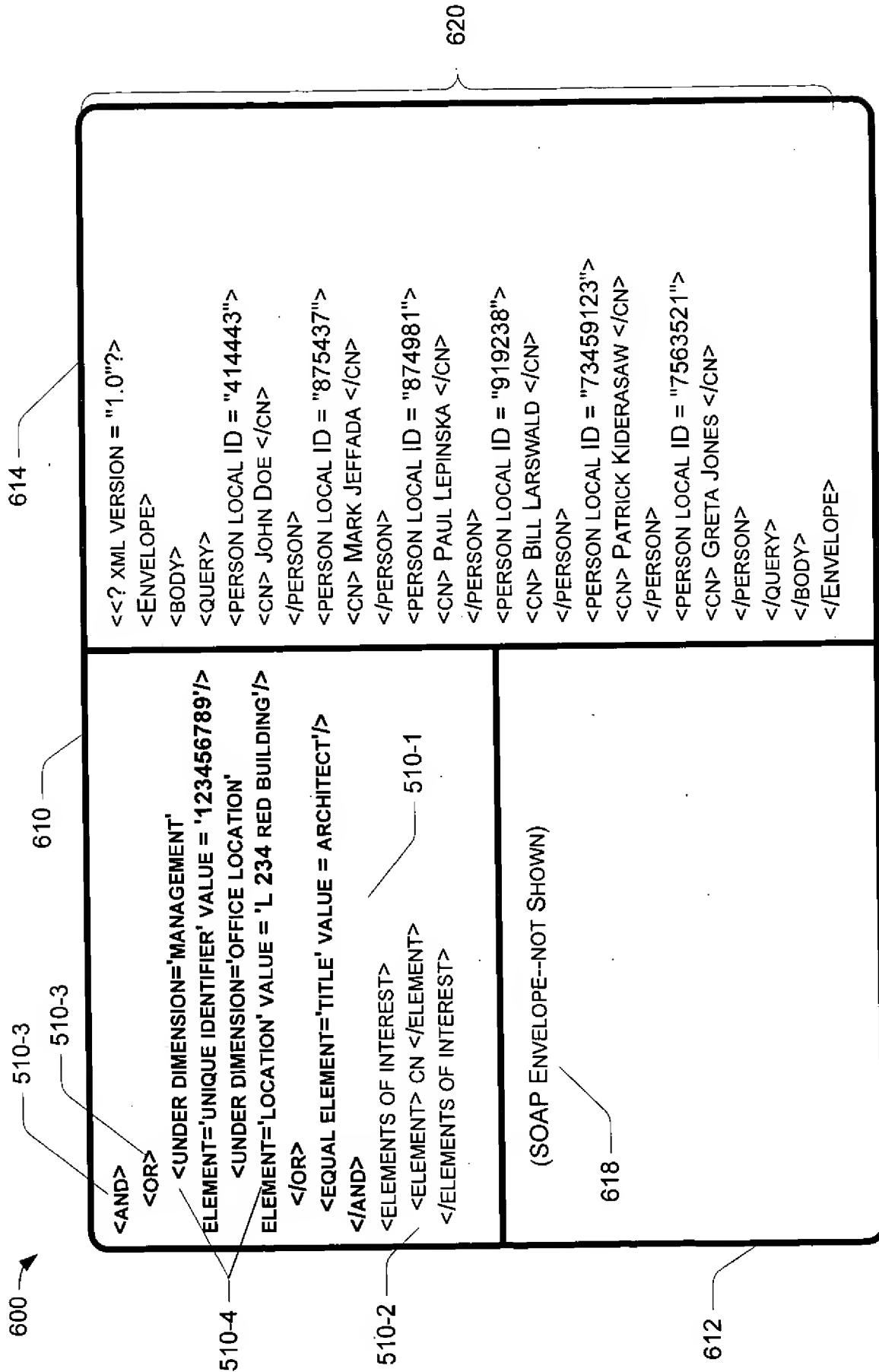
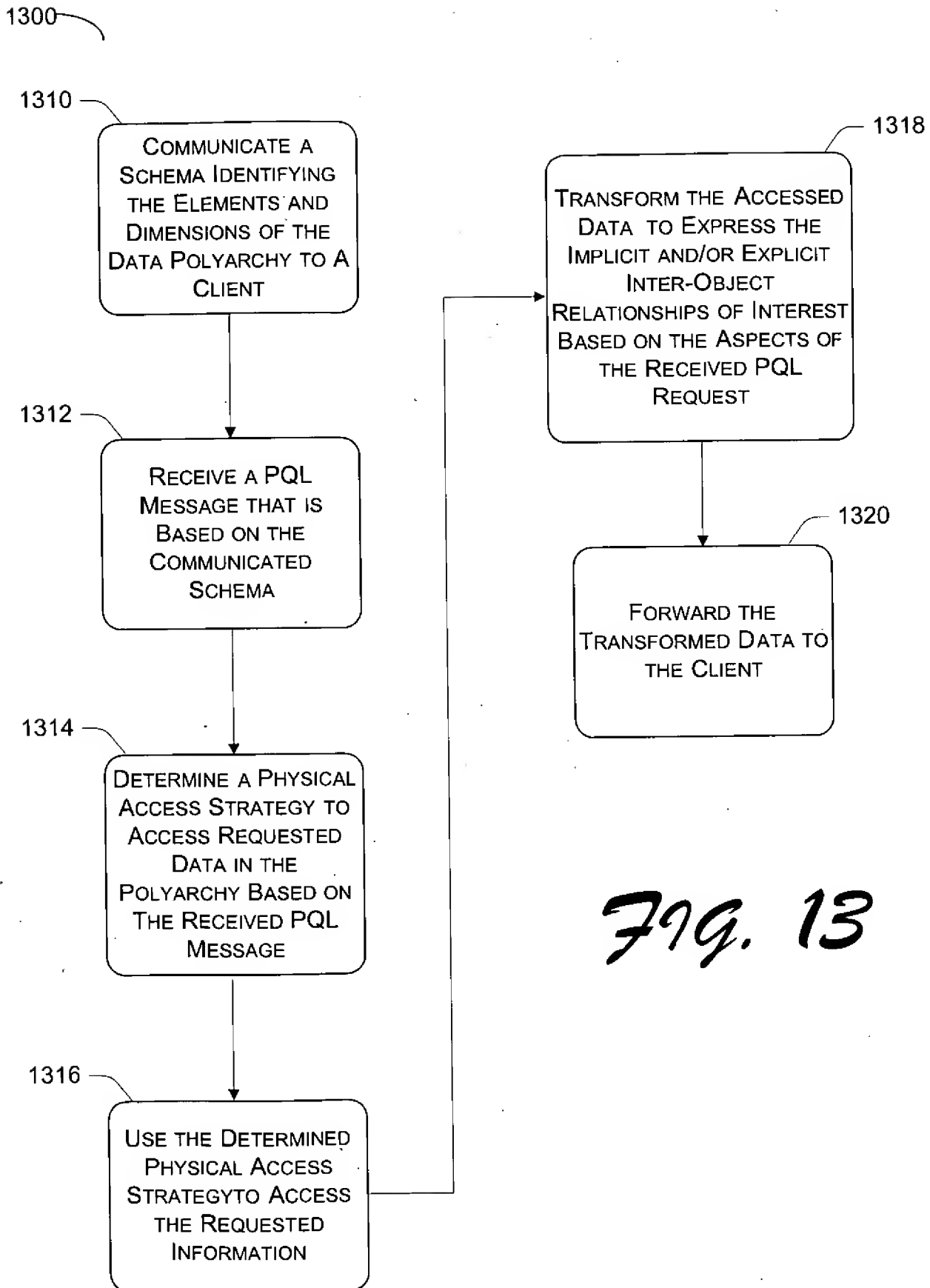


Fig. 12



799. 13

Fig. 14

